



Transforming the
market to make
sustainable palm oil
the norm

RSPO

Roundtable on Sustainable Palm Oil

2004

The RSPO was established in 2004 to promote the production and use of sustainable palm oil for People, Planet, and Prosperity.



MiGROS

AAK



RSPO

- The RSPO are a not-for-profit organisation which has developed and implemented global standards for sustainable palm oil.
- The RSPO has developed a set of environmental and social criteria which companies must comply with in order to produce Certified Sustainable Palm Oil (CSPO).
- The RSPO has more than 4,000 members worldwide
- Committed to produce, source and/or use sustainable palm oil certified by the RSPO.

RSPO Vision & Mission

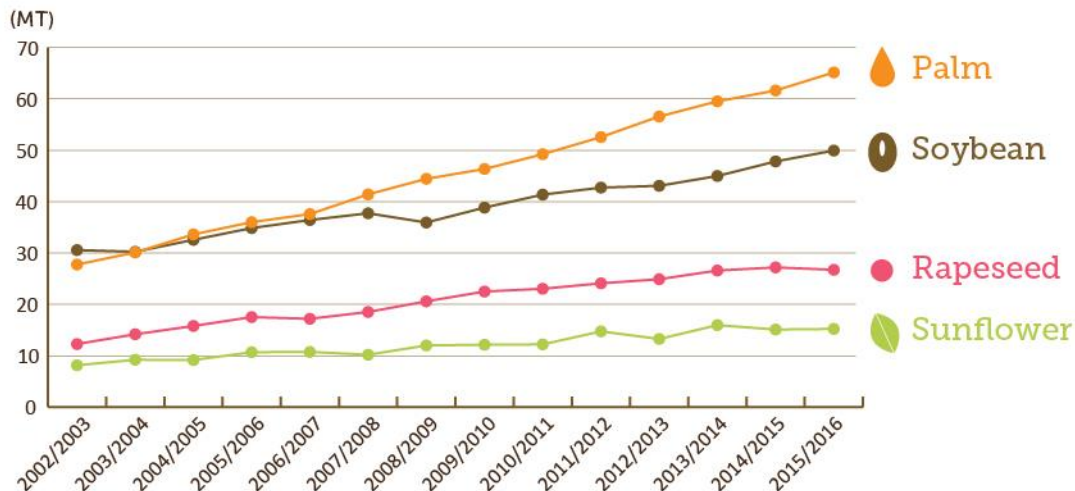
The RSPO will transform markets to make sustainable palm oil the norm;

- Advance the production, procurement, finance and use of sustainable palm oil products
- Develop, implement, verify, assure and periodically review credible global standards for the entire supply chain of sustainable palm oil
- Monitor and evaluate the economic, environmental and social impacts of the uptake of sustainable palm oil in the market
- Engage and commit all stakeholders throughout the supply chain, including governments and consumers.

The Roundtable on Sustainable Palm Oil - RSPO

- Darrel Webber CEO of the RSPO
- “Irresponsible oil palm cultivation has a negative environmental and social impact is beyond question. Yet 62 million tonnes of palm oil were consumed in 2017. Demand is predicted to reach 240 million tonnes by 2050 in the race to feed a the growing global population.”

Global demand for vegetable oil is growing fast



Source: Oilseeds - World Markets and Trade, USDA, June 2015

Why is palm oil so popular?



Relatively cheap



Most versatile



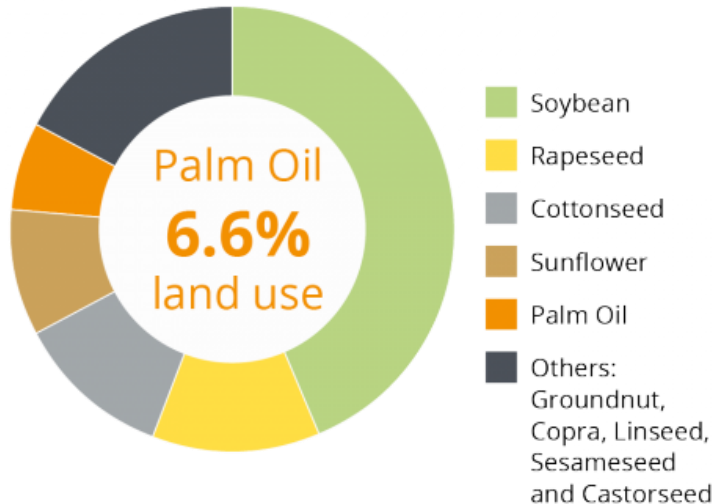
High yielding



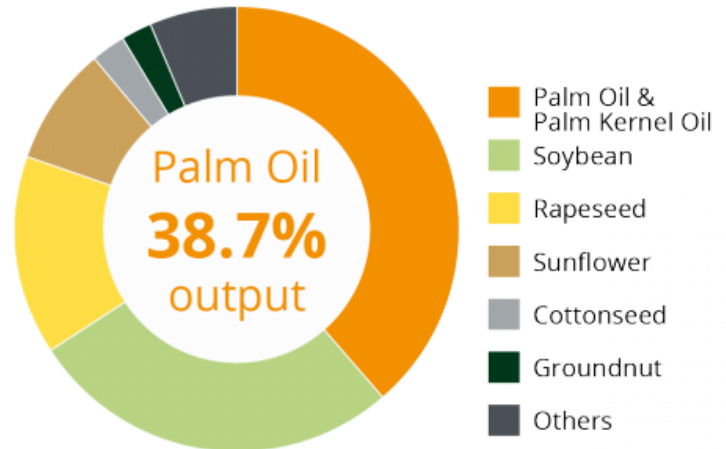
Most widely produced

Global Production

*Major Oilseeds: Area in 2015
(Total is 274.4 million hectares) (Oil World 2016)*

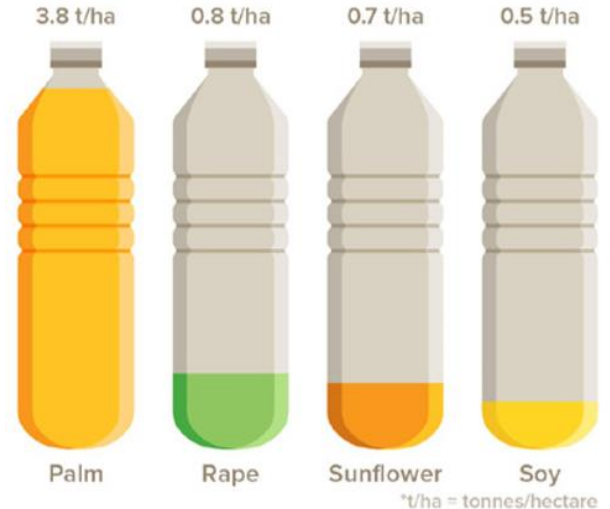


*Global production of oils and fats in 2015
(Total is 179.6 million tons) (Oil World 2016)*



Land use

- The oil from palm is the **highest yielding vegetable oil, requiring up to 10 times less land** compared to alternatives.
- Palm oil crop yield is larger than the yield of coconut, soybean, rapeseed, groundnuts, and sunflower combined.
- Replacing palm oil with more land and input-intensive vegetable oils could therefore be counterproductive.



A day in your life with palm oil



Shampoo, conditioner
& soaps



Toothpaste



Oatmeal, cereal,
breakfast bars &
doughnuts



Pet care products



Body lotion, deodorants,
shaving products &
cosmetics



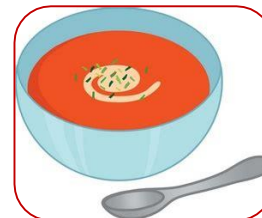
Chocolate bars,
biscuits & ice-cream



Dishwashing liquid &
laundry detergents



Household cleaning
products



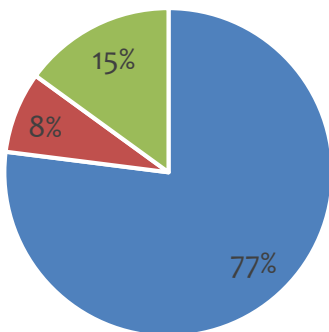
Sauces, dried mixes
rolls



Ingredients

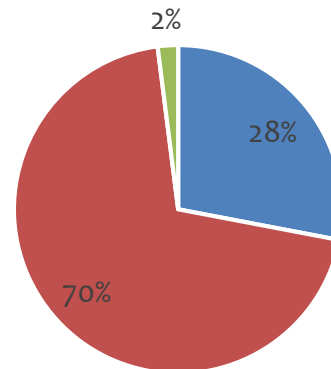
Where PO and PK is used

Global Palm Oil Consumption by Applications, 2016



■ Food ■ Oleochemicals ■ Biofuels

Global PK Oil Consumption - by Applications, 2016

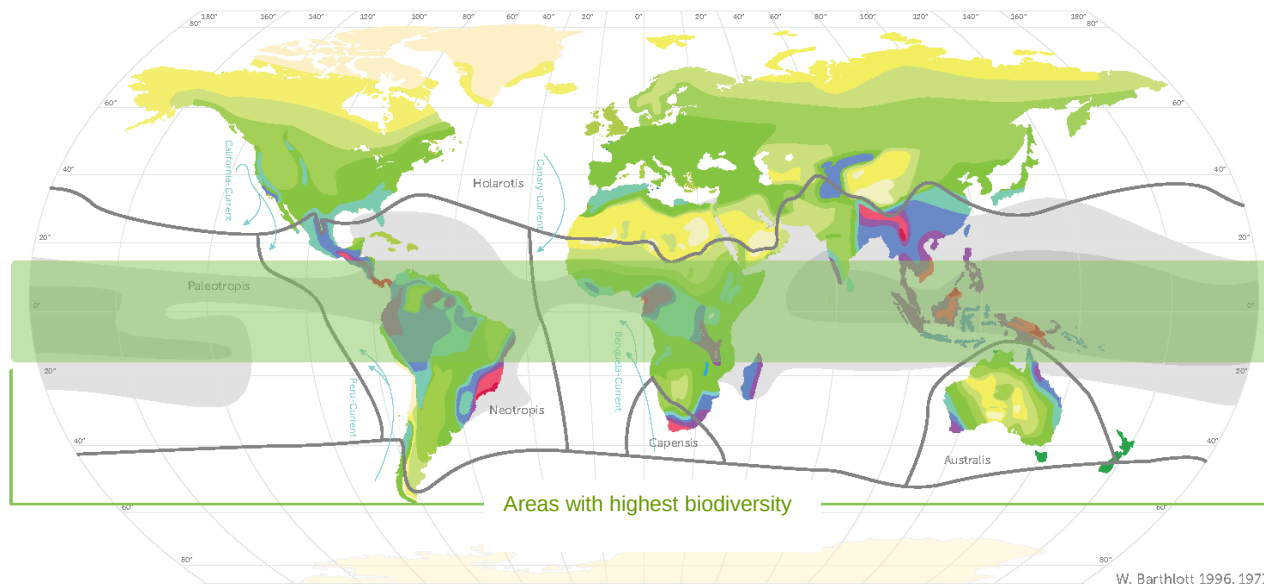


■ Food ■ Oleochemicals ■ Others

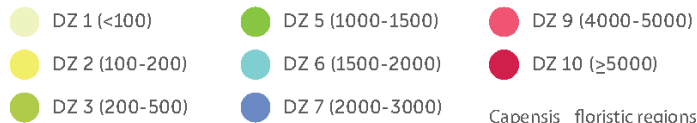
Source: Oilworld

Global Biodiversity

Species numbers of vascular plants



Diversity Zones (DZ) : Number of Species per 10.000km²



sea surface temperature



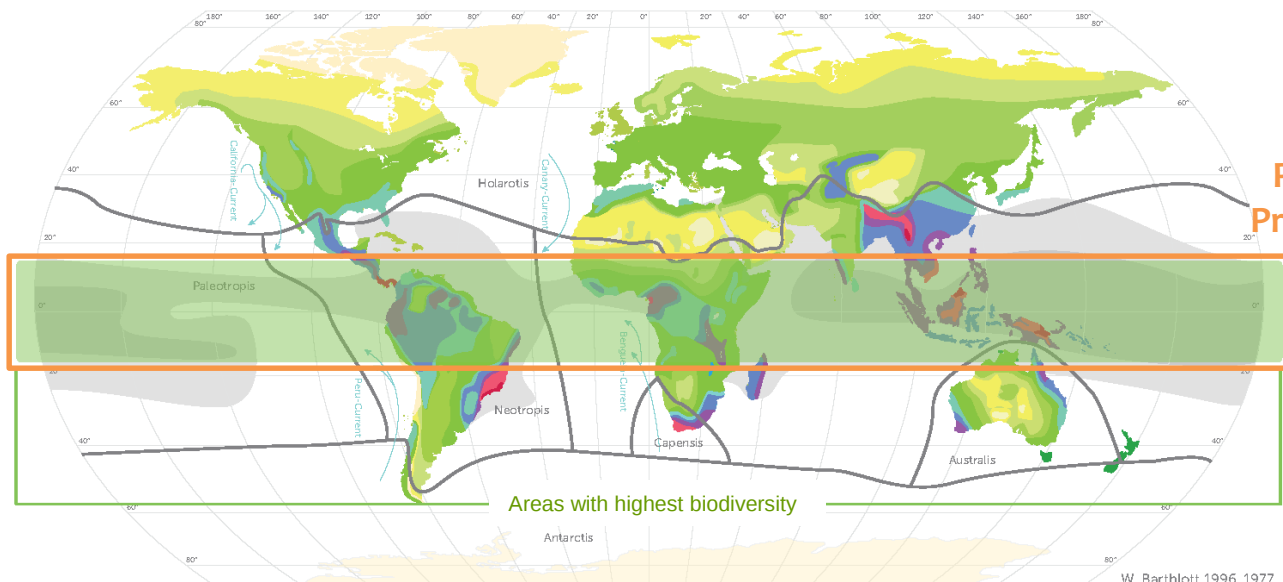
W. Barthlott N. Biedinger, G. Braun F. Feig, G. Kier, W. Lauer & J. Mutke 1997

modified after
W. Barthlott, W. Lauer & A. Placke 1966
Department of Botany and Geography, University of Bonn
German Aerospace Research Establishment, Cologne

Cartography: M. Gref
Department of Geography, University of Bonn

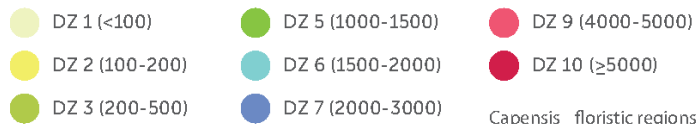
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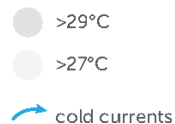


W. Barthlott 1996, 1977

Diversity Zones (DZ) : Number of Species per 10.000km²



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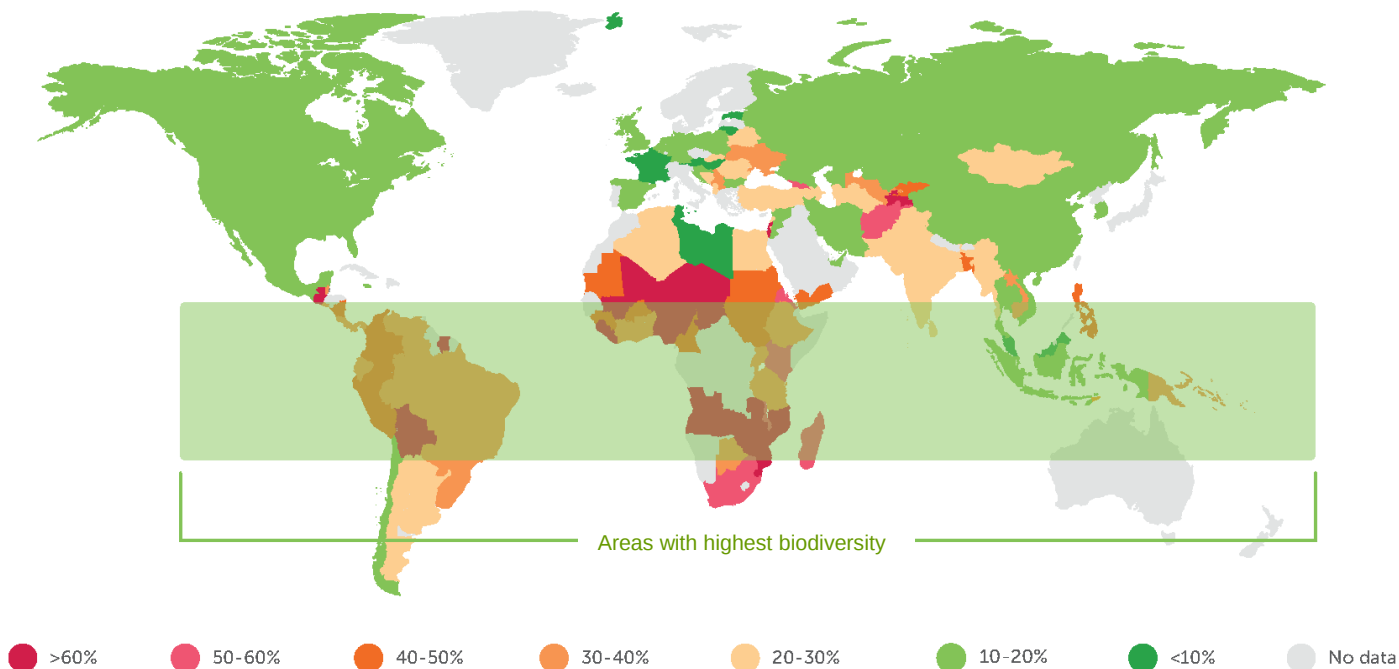
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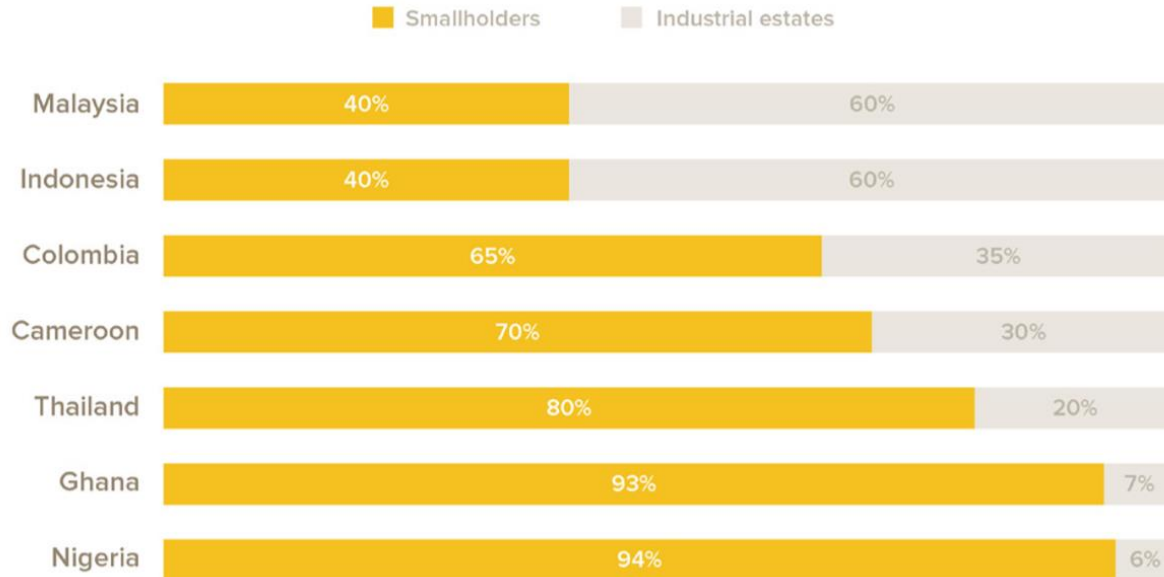
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Percentage of Population Living Below National Poverty Line

Source : CIA World Factbook



Smallholders



- Palm oil removal would have a serious impact on global livelihoods

Figure. Proportion of the area of smallholder and large landowner concessions in selected countries

RSPO – CSPO

- 13.6 million tonnes certified CSPO



354 mills
certified
globally



19%

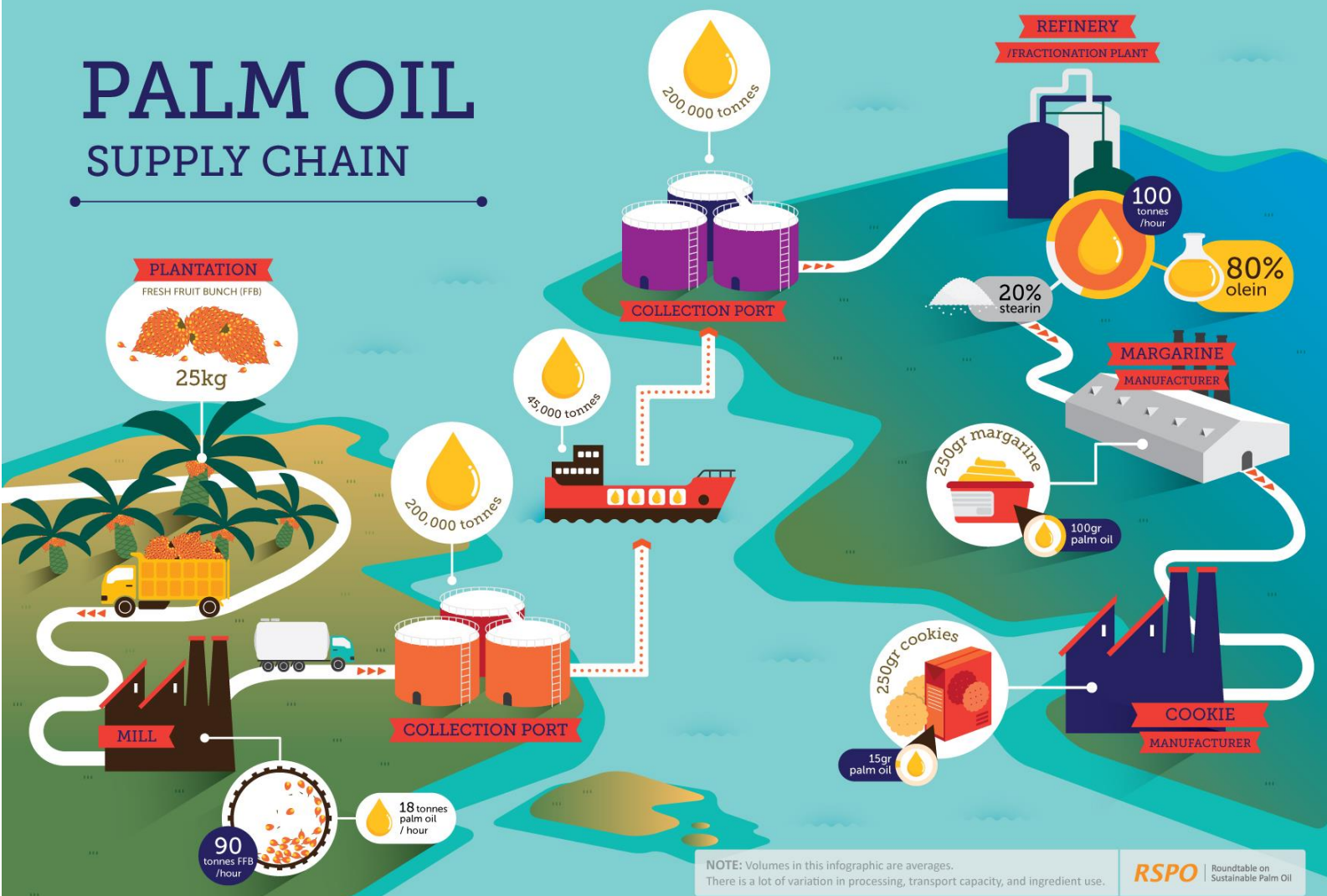
of global palm oil
produced is CSPO

23% increase
in sales of
physical CSPO

Commitment to CSPO



PALM OIL SUPPLY CHAIN



What is CSPO?

Certified Sustainable Palm Oil

The RSPO certification systems

- The Principles & Criteria certification for the mill and the mill supply base.
- The Supply Chain Certification Standard for independent mills and the supply chain to the last point of manufacture.
- Both systems involve third-party certification audits by accredited certification bodies.



8 PRINCIPLES

for growers to be RSPO certified

- 1 Commitment to transparency
- 2 Compliance with applicable laws and regulations
- 3 Commitment to long-term economic and financial viability
- 4 Use of appropriate best practices by growers and millers
- 5 Environmental responsibility and conservation of natural resources and biodiversity
- 6 Responsible consideration of employees, and of individuals and communities affected by growers and mills
- 7 Responsible development of new plantings
- 8 Commitment to continuous improvement in key areas of activity

Use of appropriate best practices

C4.6.6: Storage of all pesticides shall be according to recognised best practices

Before RSPO

Improper Storage of Spray



After RSPO

Workers PPE and Spraying Pump are stored



Principle 7

Responsible development of new plantings

Criteria 7.3: new plantings since November 2005 have not replaced primary forest or any area required to maintain or enhance one or more High Conservation Values



C7.4

Extensive planting on fragile soils, incl. peat, is avoided



Original, drained and deforested tropical peatland in central Sumatra, Indonesia. Photo by Kim Worm Sorensen



Oil palm plantation development in logged-over and burned peat swamp forest. Photo by Wetlands International

Principle 6

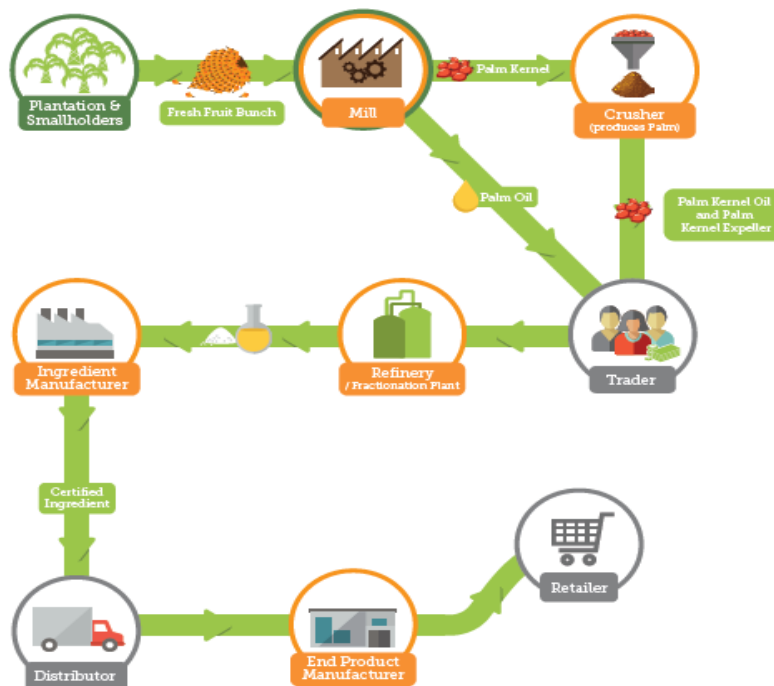
Social responsibility

C6.7: children are not employed or exploited

I6.5.3: growers and millers shall provide adequate housing, ...educational amenities..., where not public facilities are available



How the RSPO-certified supply chain works

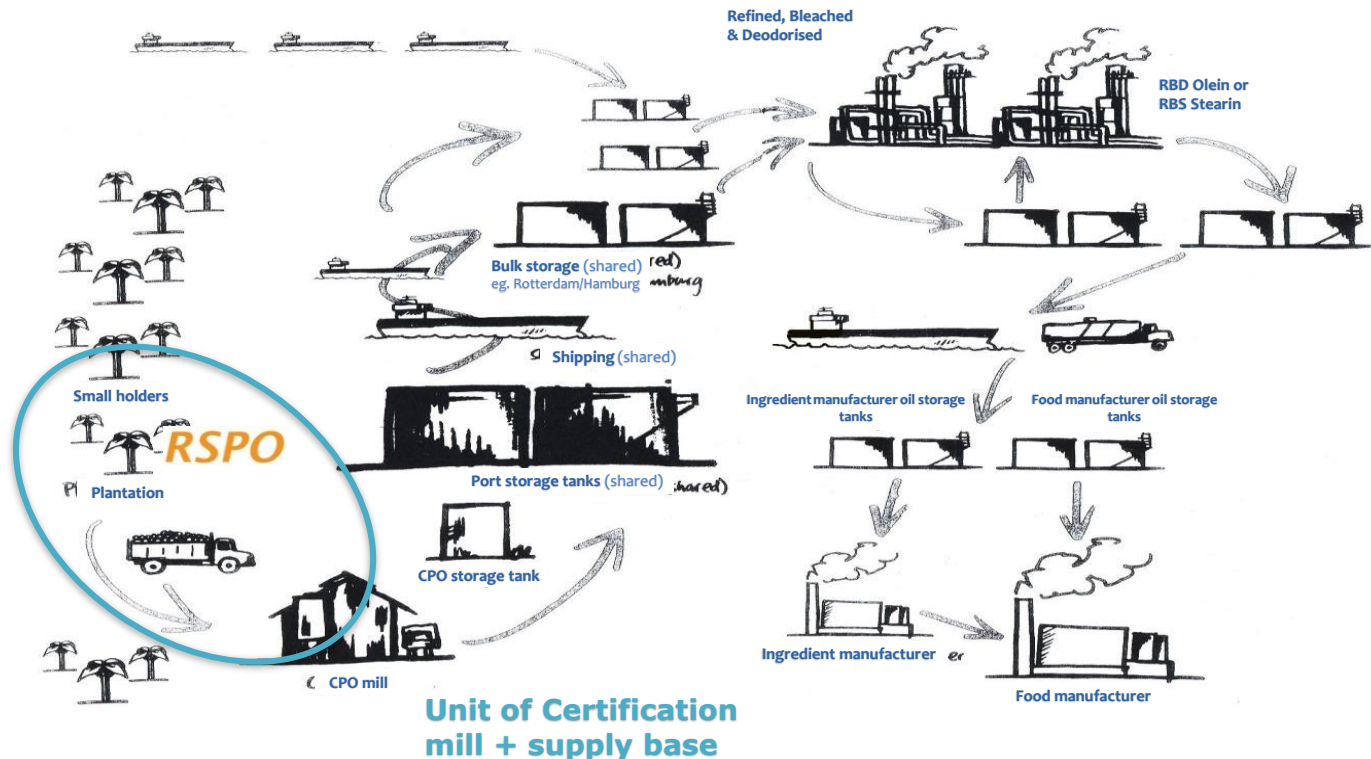


 Certified under the RSPO Principle and Criteria

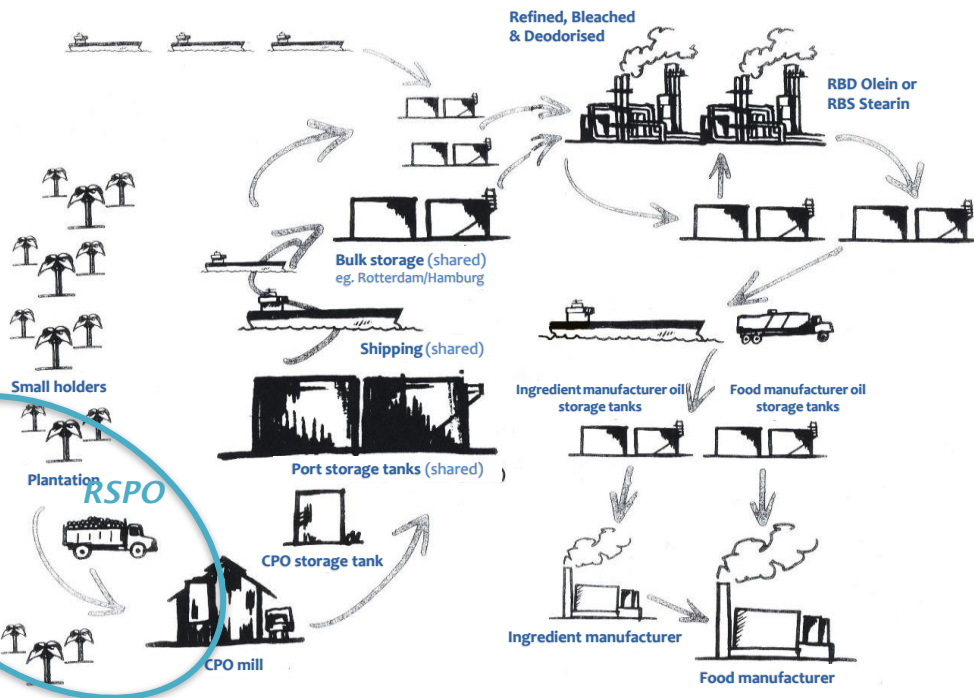
 Certified under the Supply Chain Certification Standard

 Exempt from certification if they are not physically handling certified materials

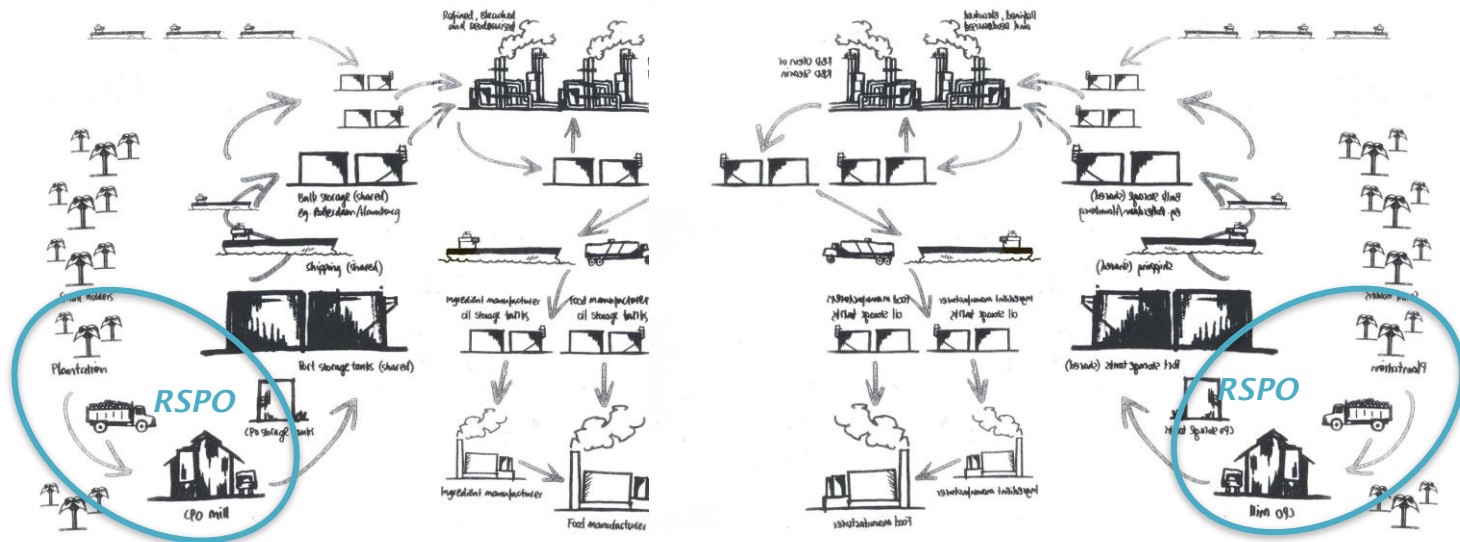
The Mill is the start audit chain



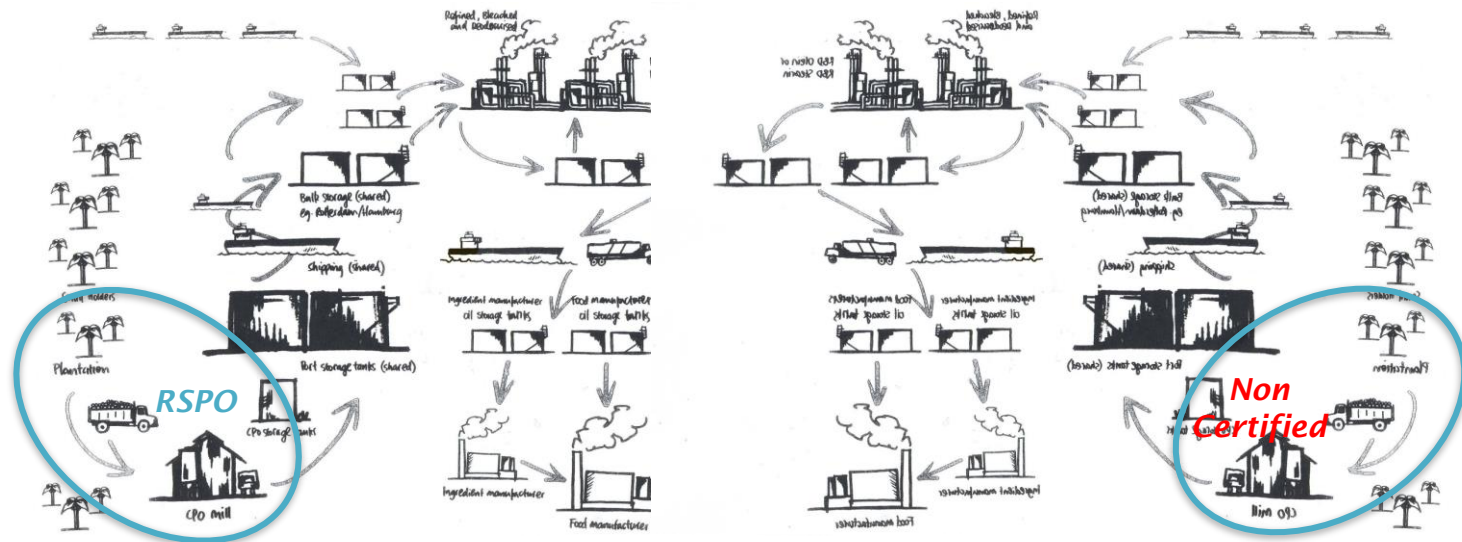
Identity Preserved Supply Chain



Segregated Supply Chain



Mass Balance Supply Chain





How do RSPO Credits work



RSPO Certified Mills Crushers or independent smallholders offer their Credits on the RSPO trading platform



Credits are traded with buyers on RSPO's convenient trading platform, **PalmTrace**



Buyers who have purchased RSPO Credits can now use the **RSPO Credit trademark on packaging**

The Benefits

- Certified from the mill and supply base to the end user
- Audits take place annually
- P&C Audits publicly available
- Environmental and social issues captured
- Encourages best practice
- Supply chain certification standard creates a chain
- IP/SG gives a level of traceability

RSPO CSPO -it is about doing the right thing.



Demand

The present RSPO CSPO production is only 19% of the worlds market

Without demand this will not increase

Palm Oil is a valuable crop to the world it is here to stay

Your support to create change is vital

Thank you